

Artur KorniÅ,owicz

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	A New Export of the Mizar Mathematical Library. Lecture Notes in Computer Science, 2021, , 205-210.	1.3	1
2	Elementary Number Theory Problems. Part II. Formalized Mathematics, 2021, 29, 63-68.	1.3	4
3	Refining Algebraic Hierarchy in Mathematical Repository of Mizar. Studies in Computational Intelligence, 2020, , 49-75.	0.9	1
4	Partial Correctness of a Fibonacci Algorithm. Formalized Mathematics, 2020, 28, 187-196.	1.3	2
5	Enhancement of properties in Mizar. PeerJ Computer Science, 2020, 6, e320.	4.5	1
6	Partial Correctness of a Factorial Algorithm. Formalized Mathematics, 2019, 27, 181-187.	1.3	3
7	The Role of the Mizar Mathematical Library for Interactive Proof Development in Mizar. Journal of Automated Reasoning, 2018, 61, 9-32.	1.4	156
8	Extended Floyd-Hoare Logic over Relational Nominative Data. Communications in Computer and Information Science, 2018, , 41-64.	0.5	4
9	Kleene Algebra of Partial Predicates. Formalized Mathematics, 2018, 26, 11-20.	1.3	15
10	Formalization of the Nominative Algorithmic Algebra in Mizar. Advances in Intelligent Systems and Computing, 2018, , 176-186.	0.6	12
11	An Inference System of an Extension of Floyd-Hoare Logic for Partial Predicates. Formalized Mathematics, 2018, 26, 159-164.	1.3	8
12	On Algebras of Algorithms and Specifications over Uninterpreted Data. Formalized Mathematics, 2018, 26, 141-147.	1.3	7
13	Partial Correctness of GCD Algorithm. Formalized Mathematics, 2018, 26, 165-173.	1.3	4
14	On an Algorithmic Algebra over Simple-Named Complex-Valued Nominative Data. Formalized Mathematics, 2018, 26, 149-158.	1.3	8
15	All Liouville Numbers are Transcendental. Formalized Mathematics, 2017, 25, 49-54.	1.3	0
16	Introduction to Liouville Numbers. Formalized Mathematics, 2017, 25, 39-48.	1.3	1
17	Introducing Euclidean Relations to Mizar. , 2017, , .		2
18	Differentiability of Polynomials over Reals. Formalized Mathematics, 2017, 25, 31-37.	1.3	1

#	ARTICLE	IF	CITATIONS
19	Basel Problem – Preliminaries. Formalized Mathematics, 2017, 25, 141-147.	1.3	3
20	Basel Problem. Formalized Mathematics, 2017, 25, 149-155.	1.3	1
21	Vieta’s Formula about the Sum of Roots of Polynomials. Formalized Mathematics, 2017, 25, 87-92.	1.3	0
22	Simple-Named Complex-Valued Nominative Data – Definition and Basic Operations. Formalized Mathematics, 2017, 25, 205-216.	1.3	12
23	Enhancement of Mizar Texts with Transitivity Property of Predicates. Lecture Notes in Computer Science, 2016, , 157-162.	1.3	5
24	Some Algebraic Properties of Polynomial Rings. Formalized Mathematics, 2016, 24, 227-237.	1.3	5
25	Niven’s Theorem. Formalized Mathematics, 2016, 24, 301-308.	1.3	3
26	Flexary connectives in Mizar. Computer Languages, Systems and Structures, 2015, 44, 238-250.	1.4	26
27	Characteristic of Rings. Prime Fields. Formalized Mathematics, 2015, 23, 333-349.	1.3	4
28	Four Decades of Mizar. Journal of Automated Reasoning, 2015, 55, 191-198.	1.4	103
29	Definitional Expansions in Mizar. Journal of Automated Reasoning, 2015, 55, 257-268.	1.4	19
30	Mizar: State-of-the-art and Beyond. Lecture Notes in Computer Science, 2015, , 261-279.	1.3	157
31	The First Isomorphism Theorem and Other Properties of Rings. Formalized Mathematics, 2014, 22, 291-301.	1.3	11
32	Pseudo-Canonical Formulae are Classical. Formalized Mathematics, 2014, 22, 99-103.	1.3	2
33	On Rewriting Rules in Mizar. Journal of Automated Reasoning, 2013, 50, 203-210.	1.4	29
34	Formal Mathematics for Mathematicians. Journal of Automated Reasoning, 2013, 50, 119-121.	1.4	18
35	Commutativeness of Fundamental Groups of Topological Groups. Formalized Mathematics, 2013, 21, 127-131.	1.3	0
36	Coproducts in Categories without Uniqueness of cod and dom. Formalized Mathematics, 2013, 21, 235-239.	1.3	0

#	ARTICLE	IF	CITATIONS
37	Fundamental Group of n-sphere for $n \neq 2$. Formalized Mathematics, 2012, 20, .	1.3	2
38	Riemann Integral of Functions from \mathbb{R} into n-dimensional Real Normed Space. Formalized Mathematics, 2012, 20, .	1.3	3
39	The Differentiable Functions from \mathbb{R} into \mathbb{R}^n . Formalized Mathematics, 2012, 20, 65-71.	1.3	2
40	Tentative Experiments with Ellipsis in Mizar. Lecture Notes in Computer Science, 2012, , 453-457.	1.3	7
41	The Borsuk-Ulam Theorem. Formalized Mathematics, 2012, 20, .	1.3	1
42	Valuation Theory. Part I. Formalized Mathematics, 2012, 20, 7-14.	1.3	0
43	Products in Categories without Uniqueness of cod and dom. Formalized Mathematics, 2012, 20, 303-307.	1.3	0
44	Cayley-Dickson Construction. Formalized Mathematics, 2012, 20, 281-290.	1.3	1
45	Contracting Mapping on Normed Linear Space. Formalized Mathematics, 2012, 20, 291-301.	1.3	3
46	Cayley's Theorem. Formalized Mathematics, 2011, 19, .	1.3	0
47	Mazur-Ulam Theorem. Formalized Mathematics, 2011, 19, .	1.3	0
48	More on the Continuity of Real Functions. Formalized Mathematics, 2011, 19, .	1.3	5
49	Miscellaneous Facts about Open Functions and Continuous Functions. Formalized Mathematics, 2010, 18, 171-174.	1.3	0
50	The Correspondence Between n-dimensional Euclidean Space and the Product of n Real Lines. Formalized Mathematics, 2010, 18, 81-85.	1.3	4
51	On the Continuity of Some Functions. Formalized Mathematics, 2010, 18, 175-183.	1.3	3
52	A Brief Overview of Mizar. Lecture Notes in Computer Science, 2009, , 67-72.	1.3	37
53	The Real Vector Spaces of Finite Sequences are Finite Dimensional. Formalized Mathematics, 2009, 17, 1-9.	1.3	3
54	Arithmetic Operations on Functions from Sets into Functional Sets. Formalized Mathematics, 2009, 17, .	1.3	9

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55	Collective Operations on Number-Membered Sets. Formalized Mathematics, 2009, 17, 99-115.	1.3	2
56	Basic Operations on Preordered Coherent Spaces. Formalized Mathematics, 2007, 15, .	1.3	1
57	Simple Continued Fractions and Their Convergents. Formalized Mathematics, 2006, 14, .	1.3	1
58	Equality in computer proof-assistants. , 0, , .		18
59	Formalization of the Algebra of Nominative Data in Mizar. , 0, , .		13
60	On algebraic hierarchies in mathematical repository of Mizar. , 0, , .		29